

WATTLE

Acacias of Australia

Acacia jamesiana Maslin



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See illustration.



Acacia jamesiana occurrence map.
Occurrence map generated via Atlas of Living
Australia (<https://www.ala.org.au>).

Family

Fabaceae

Distribution

Scattered from near Yalgoo (c. 120 km WSW of Mount Magnet) NE to Carnarvon Ra. (c. 270 km NE of Meekatharra) and E to Leinster, with outliers in the Gibson and Great Victoria Deserts, inland central W.A.

Description

Bushy **shrub** or **tree** 2–6 m high. New shoots **resinous**. **Branchlets** \pm sparingly **silvery sericeous** at least around **phyllode** bases. Phyllodes **ascending** to suberect, usually **linear-tetragonous** (**rhombic** in section), 8–22 cm long, usually 1–1.5 mm wide, **acuminate** with a **straight innocuous** to coarsely **pungent** point, \pm **rigid**, **glabrous** or **silvery sericeous** between nerves, \pm obviously **nerved** on angles and finely **striate** on intervening faces. Inflorescences **simple**, 1 per **axil**; peduncles 2–10 mm long, \pm sparingly **sericeous**; heads **obloid** to shortly **cylindrical**, 9–12 mm long, 6–8 mm diam., densely flowered, golden. Flowers 5-**merous**; sepals free to 3/4-united, 1/2 or more length of petals. Pods **linear, straight**, to 12 cm long, 4 mm wide, **cartilaginous** to subwoody, finely longitudinally ridged when dry, sparsely **appressed-puberulous** to **glabrous**. Seeds **longitudinal, elliptic-oblong**, 5–5.5 mm long, glossy, dark brown, arillate.

Habitat

Grows on sand dunes and plains, mostly in tall open shrubland associated with Spinifex (*Triodia basedowii*).

Specimens

W.A.: S side of range, below Circus Rock Holes, *J.M.Bechervaise & J.Kelso 129* (MEL); Gibson Desert, 118 km W of Giles, 15 Nov. 1975, *R.Buckley* (DNA); Great Victoria Desert, SE end of Rason Lake, *B.R.Maslin 5724* (CANB, PERTH); Gabyon Str, *A.A.Mitchell 915* (BRI, PERTH).

Notes

Phyllodes are typically rhombic in section but some specimens have interspersed a few flat phyllodes (to 2 mm wide). A flowering specimen from the Carnarvon Ra. (*A.A.Burbidge 11*, PERTH) is possibly this species; it is unusual in having consistently \pm flat phyllodes, a few of which reach 3 mm wide, and \pm free to 1/4-united sepals.

Related to *A. resinimarginea* and *A. ampliata*.

FOA Reference

Data derived from *Flora of Australia* Volumes 11A (2001), 11B (2001) and 12 (1998), products of ABRS, ©Commonwealth of Australia

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This identification key and fact sheets are available as a mobile application:



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URL: <https://keys.lucidcentral.org/keys/v3/wattle>
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